F21 Group 3 Design Presentation on the Mapping Museum dataset

Group members

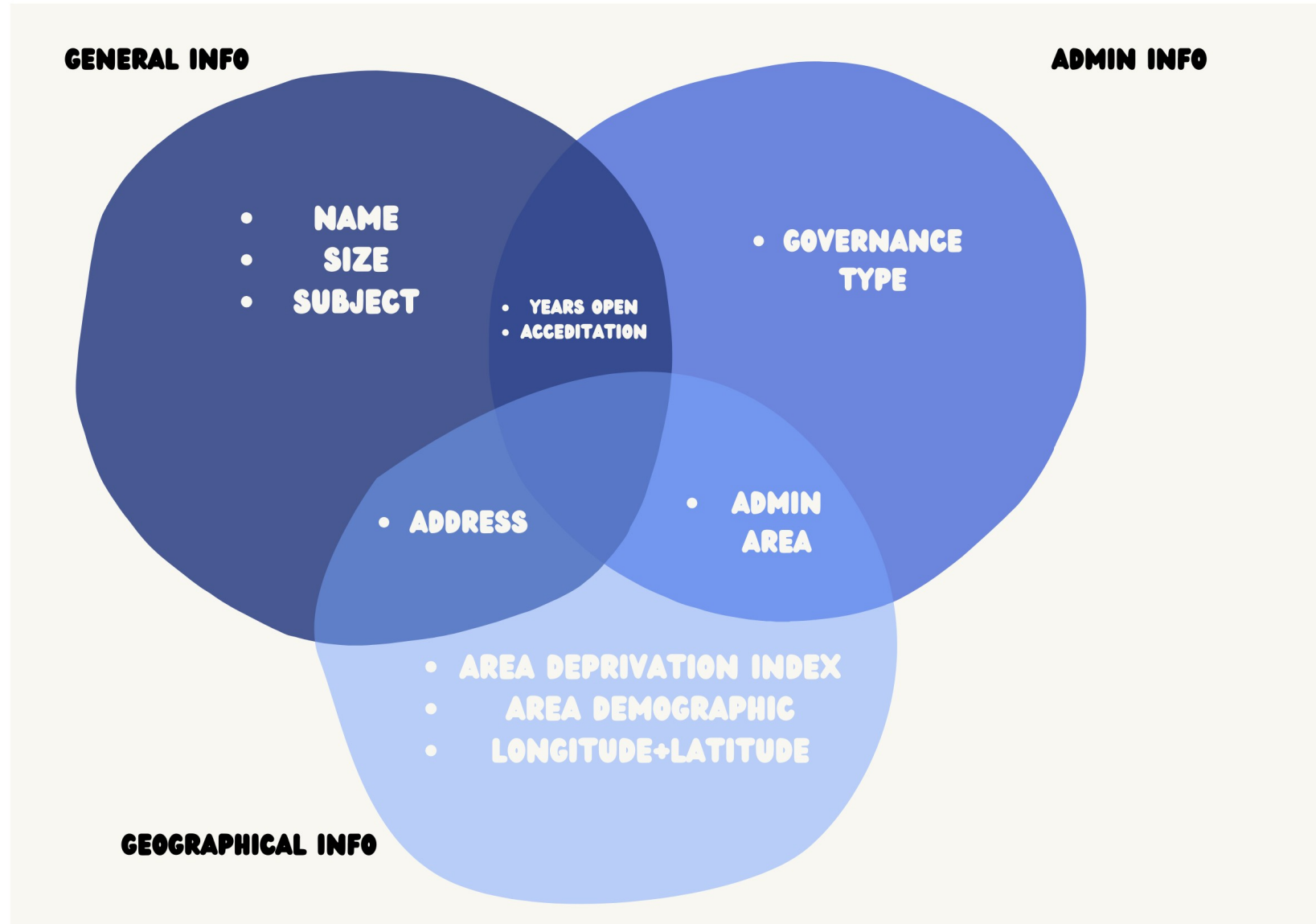|	
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Background

- The dataset is the Mapping Museums from a research project funded by the Arts and Humanities Research Council. The dataset, and corresponding glossary and information about the project can be found at the Birkbeck, University of London project webpage.

- The dataset provides basic summary information about museums in the UK and their governance with respect to the area they are situated in.

- Our identified target audience: city planners, museum governance and financing bodies.
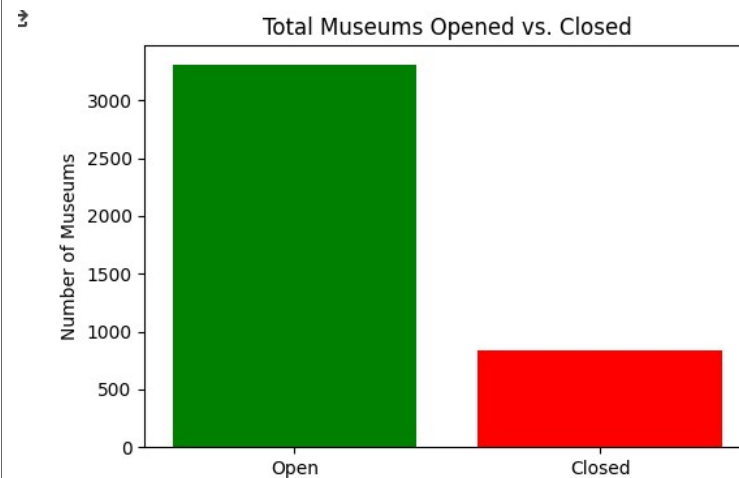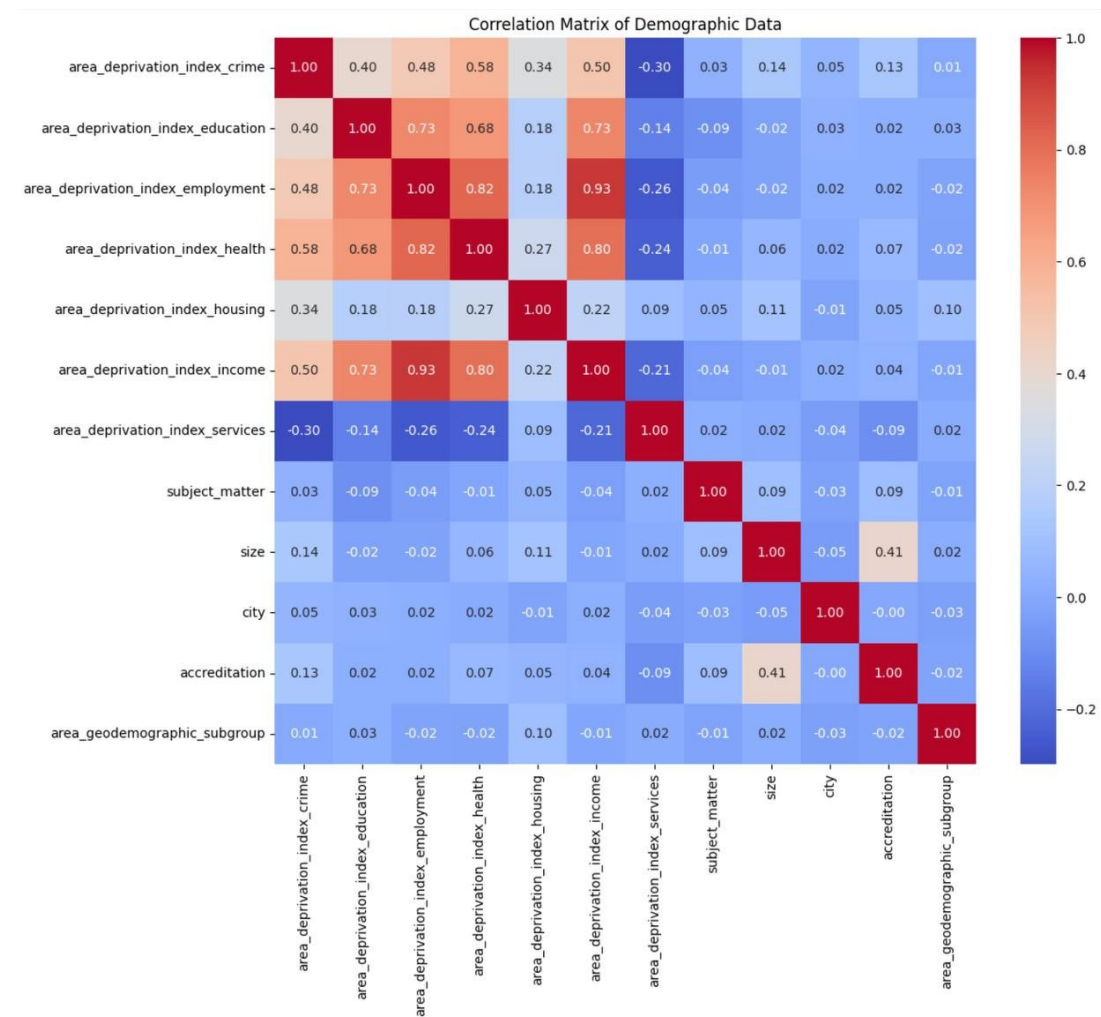
Venn Diagram of Dataset

GENERAL INFO
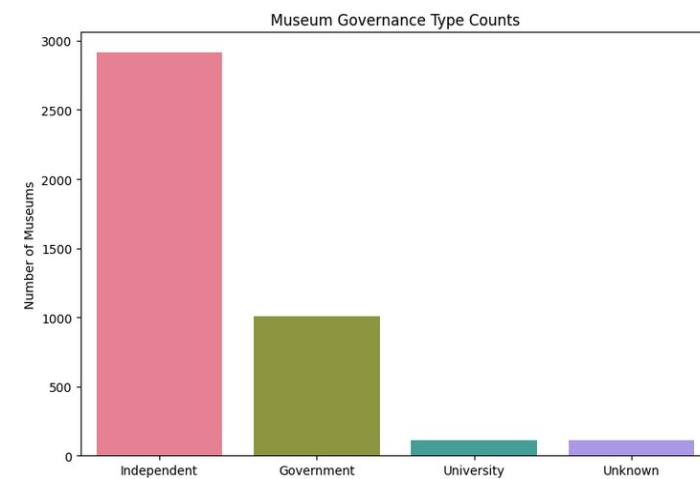
ADMIN INFO

- **NAME**
- **SIZE**
- **SUBJECT**

- **YEARS OPEN**
- **ACCEDITATION**

- **GOVERNANCE TYPE**

- **ADDRESS**

- **ADMIN AREA**

- **AREA DEPRIVATION INDEX**
- **AREA DEMOGRAPHIC**
- **LONGITUDE+LATITUDE**

GEOGRAPHICAL INFO

Summary Statistics

D is the museum density distribution

Total Entries:	**4141**					Year data in red
Open:	3307	**Closed:**	834	**Accredited:**	2422	**Unaccredited:** 1719
Small:	1813	**Medium:**	855	**Large:**	498	**Huge**: 12
Government:	1006	**Independent:**	2916	**University:**	110	**Unknown**: 109
England:	2513	**Scotland:**	497	**Wales:**	204	**Northern Ireland:** 93
Different Cities:	1466	**London:**	192	**Edinburgh:**	36	**Most Cities:** 1 – 2
usually about:		Arts		Arts		Local Histories
		Average Lifespan:	31yr	**from:**	1973	**to:** 2004
Oldest Museum:	Cockburn Museum Of Geology, University Of Edinburgh	1812	**Museums opened in 2017:**	229	**Museums closed in 2017:**	178
Most common subjects:		Local Histories	766	Buildings	549	War and conflict 322
Least common subjects:		Science and technology	21	Food and drink	14	Communications **13**

Data Visualizations
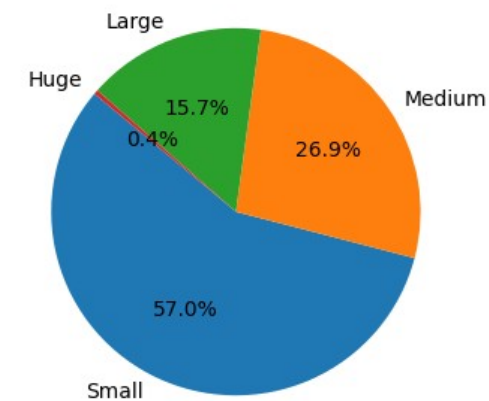
Museum Percentage by country

Percentage of Museums Subjects by Country

Subject Matter	England	Northern Ireland	Scotland	Wales
Archaeology	2.7	0.9	2.8	1.5
Arts	8.2	4.7	6.9	6.5
Belief and identity	2.5	2.8	4.1	1.9
Buildings	14.7	16.0	13.9	13.5
Communications	0.5	0.0	0.3	0.4
Food and drink	0.7	0.0	0.3	0.4
Industry and manufacture	4.8	4.7	1.8	8.5
Leisure and sport	3.3	1.9	2.8	5.4
Local Histories	19.3	17.9	31.2	23.5
Medicine and health	1.1	0.0	1.0	0.4
Mixed	5.6	5.7	4.7	1.9
Natural world	1.8	0.0	2.3	1.2
Other	2.1	0.9	1.3	1.2
Personality	4.3	12.3	6.9	6.2
Rural Industry	4.4	2.8	4.4	3.8
Science and technology	0.6	0.0	0.5	0.0
Sea and seafaring	2.6	3.8	4.2	4.6
Services	1.4	1.9	0.8	0.8
Transport	8.2	8.5	3.9	9.2
Utilities	1.1	0.9	0.2	0.4
War and conflict	10.0	14.2	5.7	8.8

- Local History museums are the largest percentage across all the countries in the UK

- Whereas communication, science and technology and food and drink are all in the lowest percentages across all the countries in the UK
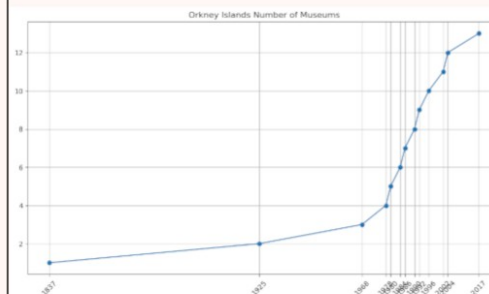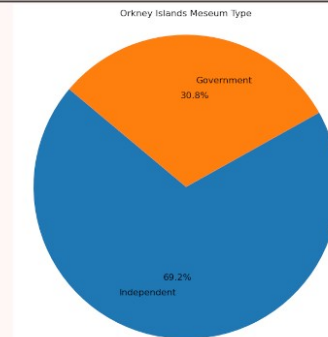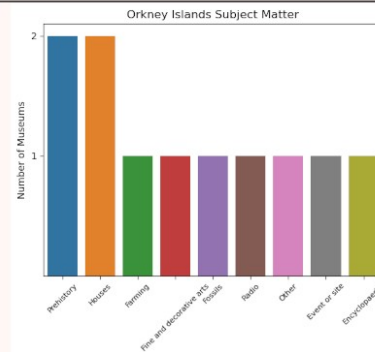
List of Insights to be represented

- The majority of museums **(open and closed)** are in **England** – spread of museums across the UK

- The percentages of different museums by type in an area. **Local histories** are the **highest percentage** while **communications and food and drink** are the **lowest.**

- The majority of museums are **small** measured in number of yearly visits

- The ratio of **open to closed** museums is **4:1**

- The percentage of museum governance types by area - the ratio of **governance types** is **3:1 Independent to Government**

- There is an **increasing rate** of museums being **opened** (2017 had both the most museums opened and closed)

- **Deprivation** did **not** have an impact on the museums in an area – from the corelation matrix it's a negliglbe impact

Design Overview